



Nursing Prerequisite Course Descriptions

BIO107/107L – Anatomy & Physiology I

4 credits (Lecture is 3 credits; Lab is 1 credit)

The study of the basic concepts of human anatomy and physiology, beginning with cell biology and histology and continuing with a survey of skeletal, muscular, nervous, sensory and endocrine systems. 3 lecture hours per week. Not accepted as credit towards the biology major. Corequisite: BIO 107L. Prerequisite: High school chemistry or equivalent.

BIO108/108L – Anatomy & Physiology II

4 credits (Lecture is 3 credits; Lab is 1 credit)

A continued study of the basic structural and functional aspects of hematology, immunology, cardiovascular, respiratory, digestive, renal and reproductive systems. 3 lecture hours per week. Not accepted as credit towards the biology major. Corequisite: BIO 108L. Prerequisites: "C" or better in BIO 107, 107L or permission of Division chair.

BIO111/111L – Microbiology

4 credits (Lecture is 3 credits; Lab is 1 credit)

An introduction to the microbial world, including discussion of the morphology, metabolism, growth and control of microorganisms. Topics include human infection, resistance and immunity. 3 lecture hours per week. Not accepted as credit towards the biology major. Corequisite: BIO 111L.

CHM111/111L – Chemistry for the Allied Health Profession

4 credits (Lecture is 3 credits; Lab is 1 credit)

An introduction to general, organic, and biological chemistry for students in the health professions. Topics include the structure, properties, and reactions of inorganic, organic, and biological compounds, solution chemistry, gas laws, energetic, acid-base chemistry, equilibrium, kinetics, electrochemistry, and nuclear chemistry. Emphasis is on physiological and clinical applications. Corequisite: CHM 111L.

NUT200 – Principles of Nutrition

3 credits

A comprehensive course that covers the essentials of optimum nutrition in health and disease. It includes macro-nutrients and energy metabolism; vitamins and minerals; nutrition and diet for the client. The course includes an examination of clinical nutrition as it pertains to care of clients in a health care setting.

PSY111 – Statistics

3 credits

Introduction to descriptive and inferential statistics with applications to educational and psychological research: frequency distributions, probability, binomial and normal distributions, graphic comparisons, correlation, chi square, analysis of variance, and distribution.

PSY200 – Developmental Psychology

3 credits

Theories, issues and research concerning changes in physical, intellectual, emotional and social development across the life-span are examined and applied to specific social issues.